



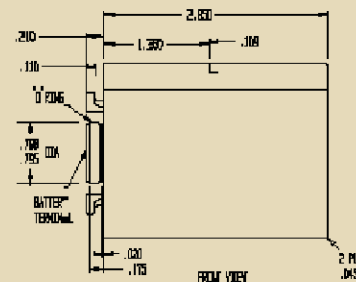
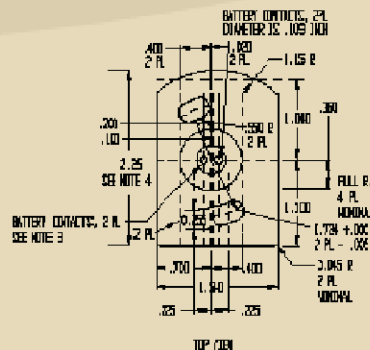
RDECOM

CERDEC
US ARMY - RDECOM

BA-5112A/U

TECHNICAL SPECIFICATIONS:

Description	Non-Rechargeable, Lithium Sulfur Dioxide
National Stock Number	6135-01-439-6229
Applications	AN/PRC-112 Survival Radio, KY-913 PRC-112 Program Loader
Nominal Dimensions	Width: 1.54 in (39.12 mm) Length: 2.25 in (57.15 mm) Height: 2.85 in (72.39 mm)
Nominal Weight	0.4 lbs (181.6 g)
Maximum Voltage	12.0 V
Nominal Voltage	10.4 V
Nominal Capacity	2.5 Ah
Cut off Voltage	8.0 V
Operating Temperature Range	-30°C to +55°C (-22°F to +131°F)
Storage Temperature Range	-30°C to +55°C (-22°F to +131°F)
Case Material & Color	Modified ABS plastic, Dark green with black printing
Connector	Two pins
Disposal	Complete Discharge and dispose, Non-Hazardous



For more information please contact:
E-mail: armypower@conus.army.mil
Website: <http://www.cerdec.army.mil/c2d/armypower>

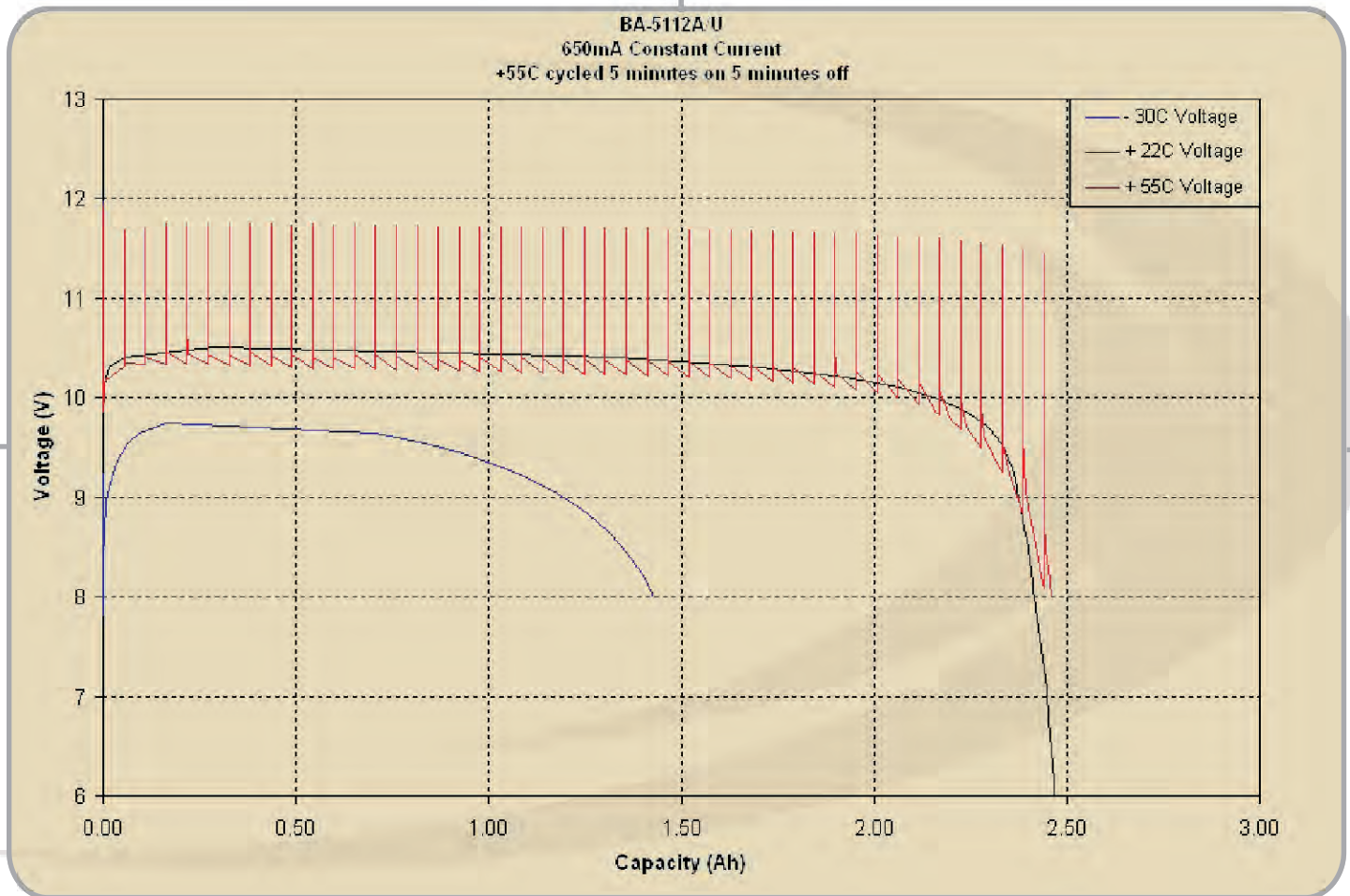


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TECHNICAL PERFORMANCE DATA:



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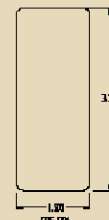
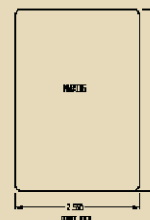
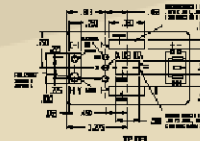
RDECOM

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BA-5347/U

TECHNICAL SPECIFICATIONS:

Description	Non-Rechargeable, Lithium Manganese Dioxide
National Stock Number	6135-01-455-7946
Applications	AN/PAS-13 Thermal Weapon Sight, Radio Receiver/Transmitter
Replacement/Compatibility	BB-2847/U
Nominal Dimensions	Height: 3.75 in (185.93 mm) Width: 2.55 in (64.77 mm) Depth: 1.5 in (34.1 mm)
Nominal Weight	0.64 lbs (290.6 g)
Maximum Voltage	6.5 V
Nominal Voltage	5.1 V
Nominal Capacity	7.2 Ah
Cut off Voltage	4.0 V
Operating Temperature Range	-25°C to +55°C (-13°F to +131°F)
Storage Temperature Range	-25°C to +55°C (-13°F to +131°F)
Case Material & Color	Modified ABS plastic, Olive green with White printing
Connector	Dual Connector
Disposal	Complete discharge and dispose, Non-Hazardous
Disposal	Complete Discharge and Dispose, Non-Hazardous



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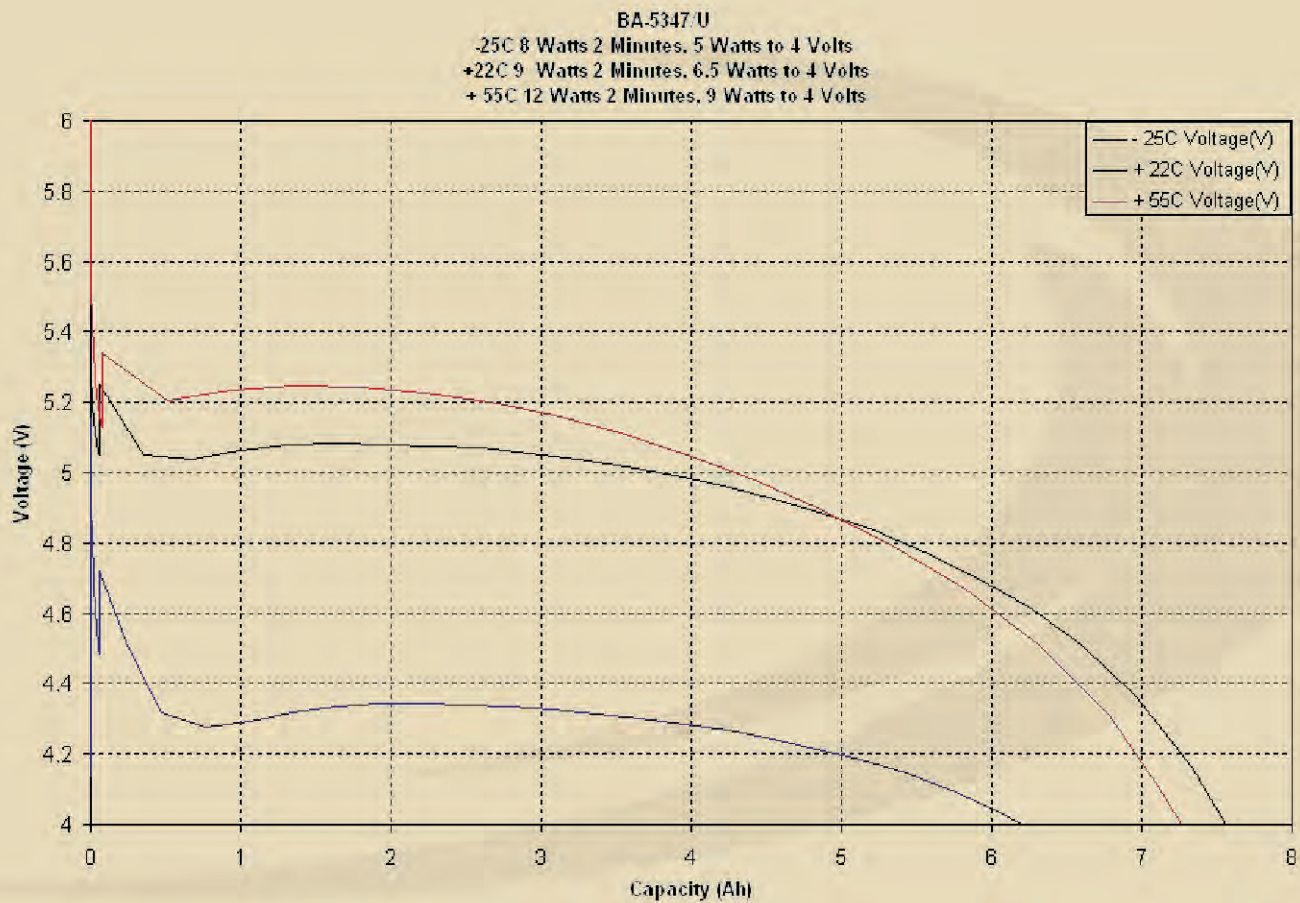


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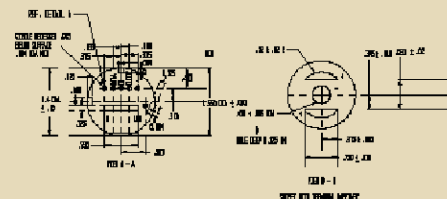
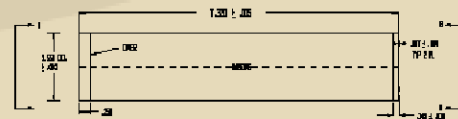
RDECOM

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BA-5360/U

TECHNICAL SPECIFICATIONS:

Description	Non-Rechargeable, Lithium Manganese Dioxide
National Stock Number	6135-01-517-4955
Applications	AN/PSC-2 (Digital Communications Terminal)
Replacement/Compatibility	BA-5600A/U & BB-2600A/U
Nominal Dimensions	Diameter: 1.55 in (39.37 mm) Height: 7.32 in (185.93 mm)
Nominal Weight	0.7 lbs (317.8 g)
Maximum Voltage	9.7 V
Nominal Voltage	7.8 V
Nominal Capacity	9.5 Ah
Cut off Voltage	6.0 V
Operating Temperature Range	-30°C to +55°C (-22°F to +131°F)
Storage Temperature Range	-30°C to +55°C (-22°F to +131°F)
Case Material & Color	Modified ABS plastic, Dark green with White/Black printing
Connector	Nickel contacts
Disposal	Complete discharge and dispose, Non-Hazardous



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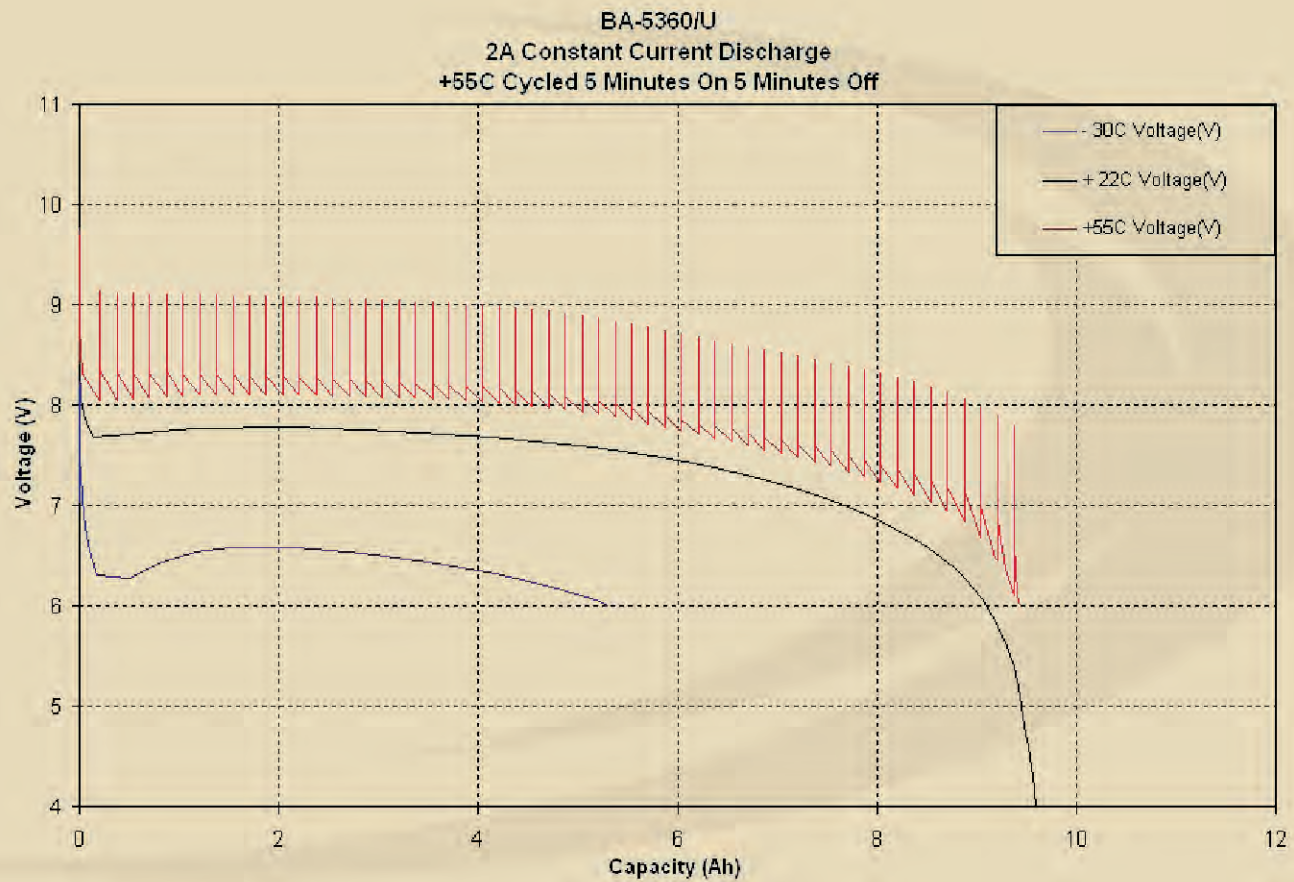


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BA-5360/U

TECHNICAL PERFORMANCE DATA:



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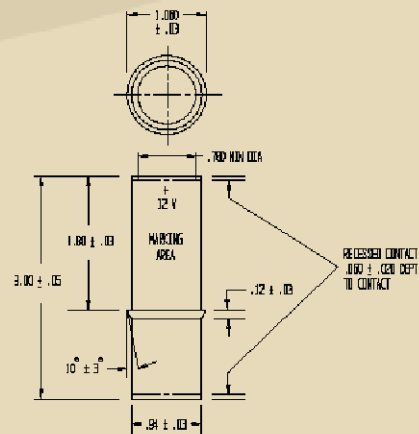
RDECOM

CERDEC
US ARMY - RDECOM

BA-5368/U

TECHNICAL SPECIFICATIONS:

Description	Non-Rechargeable, Lithium Manganese Dioxide
National Stock Number	6135-01-455-7947
Applications	AN/PRC-90 Survival Radio
Replacement/Compatibility	BA-1568/U
Nominal Dimensions	Diameter: 0.94 in (23.86 mm) Height: 3.00 in (76.20 mm)
Nominal Weight	0.3 lbs (136.2 g)
Maximum Voltage	13.0 V
Nominal Voltage	11.0 V
Nominal Capacity	1.0 Ah
Cut off Voltage	9.0 V
Operating Temperature Range	-10°C to +55°C (14°F to +131°F)
Storage Temperature Range	-40°C to +55°C (-40°F to +131°F)
Case Material & Color	Modified ABS plastic, Dark green with White printing
Connector	Nickel Flat Contacts
Disposal	Complete Discharge and Dispose, Non-Hazardous



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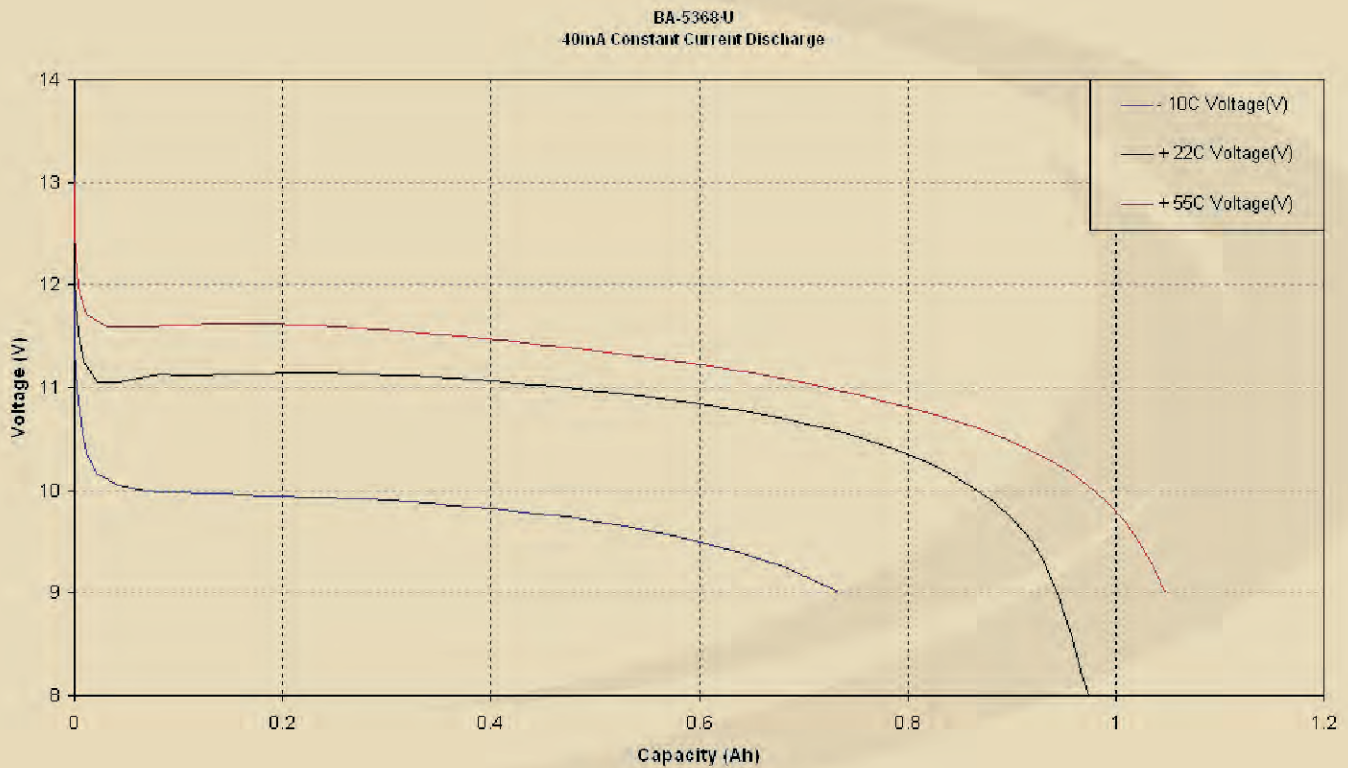


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BA-5368/U

TECHNICAL PERFORMANCE DATA:



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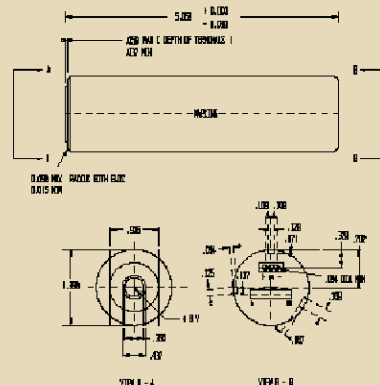
RDECOM

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US ARMY - RDECOM

BA-5380/U

TECHNICAL SPECIFICATIONS:

Description	Non-Rechargeable, Lithium Manganese Dioxide
National Stock Number	6135-01-517-4954
Applications	AN/PSN-10, CP-1995, CAM & other Global Positioning Systems
Replacement/Compatibility	BA-5800/U & BB-2800/U
Nominal Dimensions	Diameter: 1.40 in (35.56 mm) Height: 5.06 in (128.52 mm)
Nominal Weight	0.5 lbs (227 g)
Maximum Voltage	7.2V
Nominal Voltage	6.0 V
Nominal Capacity	10 Ah
Cut off Voltage	4.0V
Operating Temperature Range	-25°C to +55°C (-13°F to +131°F)
Storage Temperature Range	-25°C to +55°C (-13°F to +131°F)
Case Material & Color	Modified ABS plastic, Dark green with White/Black printing
Connector	Nickel contacts
Disposal	Complete Discharge and Dispose, Non-Hazardous



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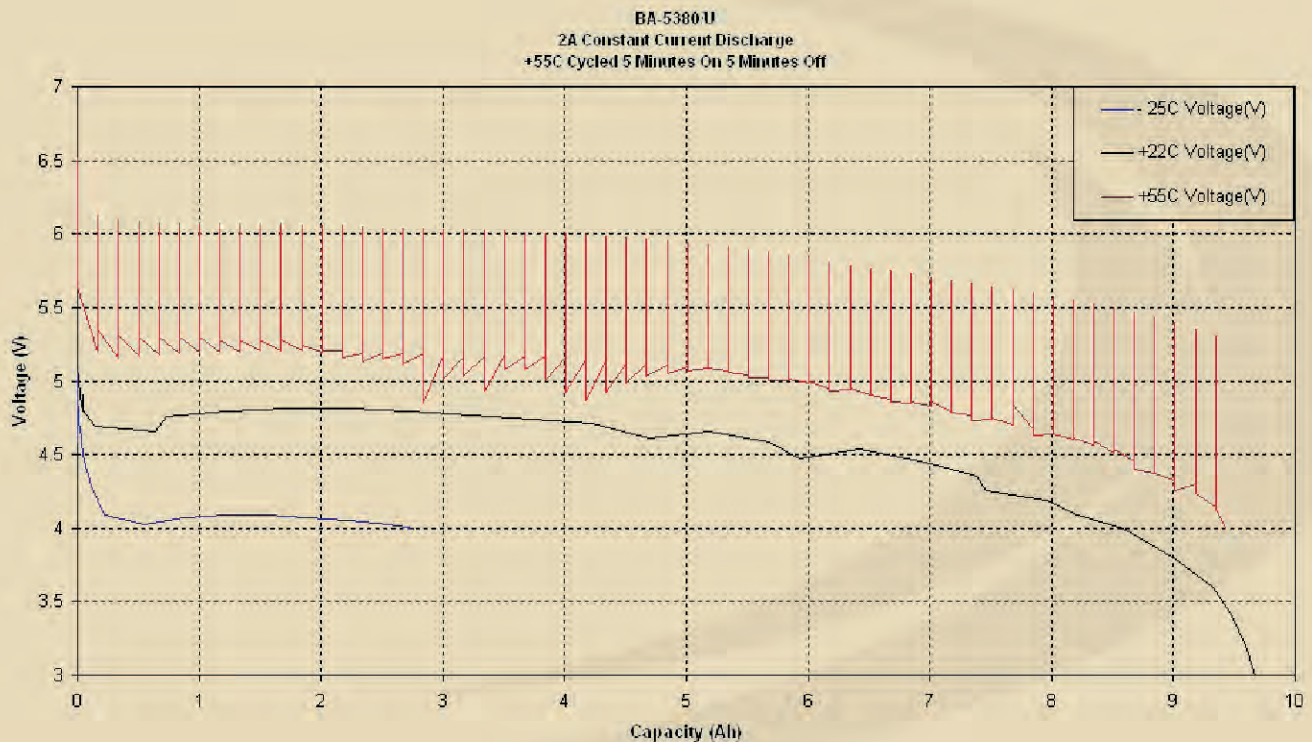


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BA-5380/U

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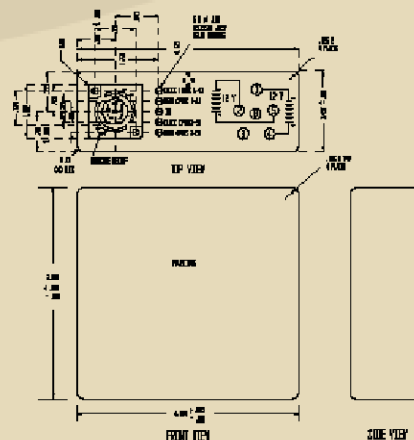
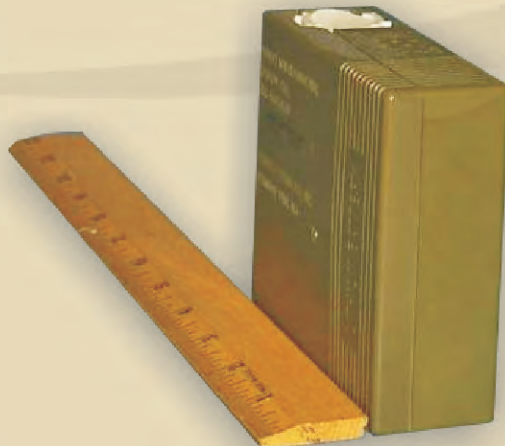
RDECOM

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US ARMY - RDECOM

BA-5557A/U

TECHNICAL SPECIFICATIONS:

Description	Non-Rechargeable, Lithium sulfur Dioxide
National Stock Number	6135-01-088-2707
Applications	Tacfire (Digital Message Device) AN/PSG-2 & Meteorological equip.
Replacement/Compatibility	BB-2557/U
Nominal Dimensions	Width: 1.44 in (36.58 mm) Length: 4.18 in (106.17 mm) Height: 3.94 in (100.08 mm)
Nominal Weight	0.9 lbs (408.6 g)
Maximum Voltage	15.0 V, 30.0 V
Nominal Voltage	13.4 V, 27.0V
Nominal Capacity	5.0 Ah @ 15 V, 2.5 Ah @ 30.0 V
Cut off Voltage	10.0 V, 20.0 V
Operating Temperature Range	-30°C to +55°C (-22°F to +131°F)
Storage Temperature Range	-30°C to +55°C (-22°F to +131°F)
Case Material & Color	Modified ABS plastic, Dark green with white/black printing
Connector	Floating type Per U.S. Army Dwg. # SC-C179495



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Website: <http://www.cerdec.army.mil/c2d/armypower>

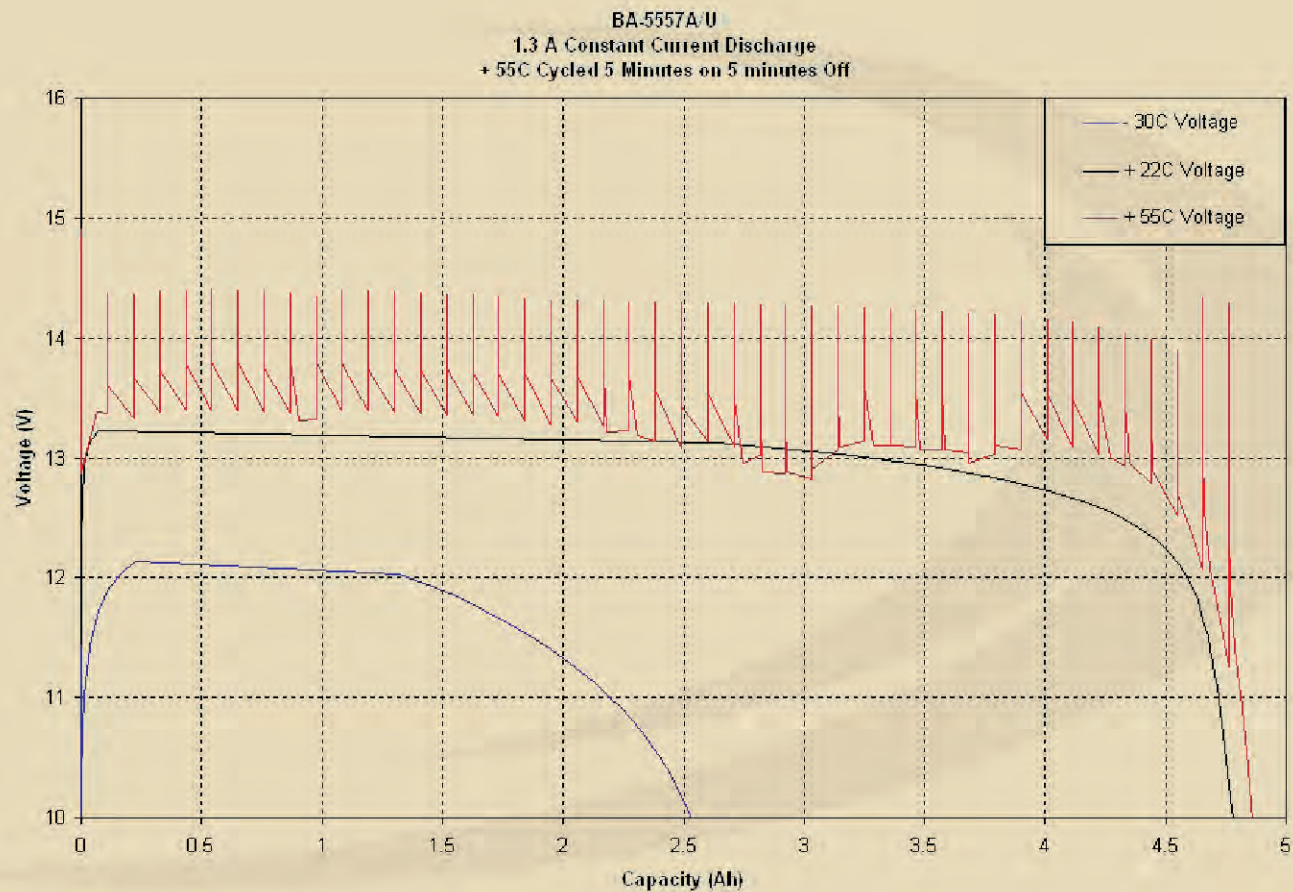


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BA-5557A/U

TECHNICAL PERFORMANCE DATA:



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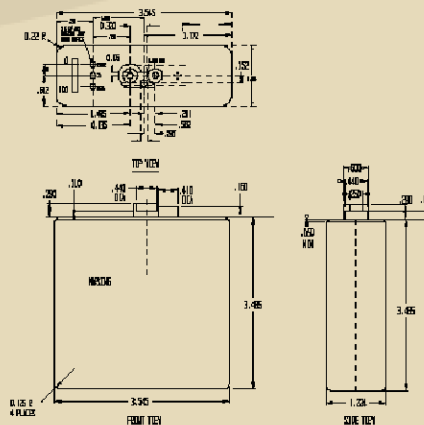
RDECOM

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US ARMY - RDECOM

BA-5588/A

TECHNICAL SPECIFICATIONS:

Description	Non-Rechargeable, Lithium Sulfur Dioxide
National Stock Number	6135-01-441-0402
Applications	AN/PSC-2 (Digital Communications Terminal)
Replacement/Compatibility	BA-5360/U & BB-2600A/U
Nominal Dimensions	Diameter: 1.55 in (39.37 mm) Height: 7.32 in (185.93 mm)
Nominal Weight	0.7 lbs (317.8 g)
Maximum Voltage	9.0 V
Nominal Voltage	7.4 V
Nominal Capacity	7.8 Ah
Cut off Voltage	6.0 V
Operating Temperature Range	-30°C to +55°C (-22°F to +131°F)
Storage Temperature Range	-30°C to +55°C (-22°F to +131°F)
Case Material & Color	Modified ABS plastic, Olive green with White/Black printing
Connector	Nickel contacts
Disposal	Complete Discharge and Dispose, Non-Hazardous



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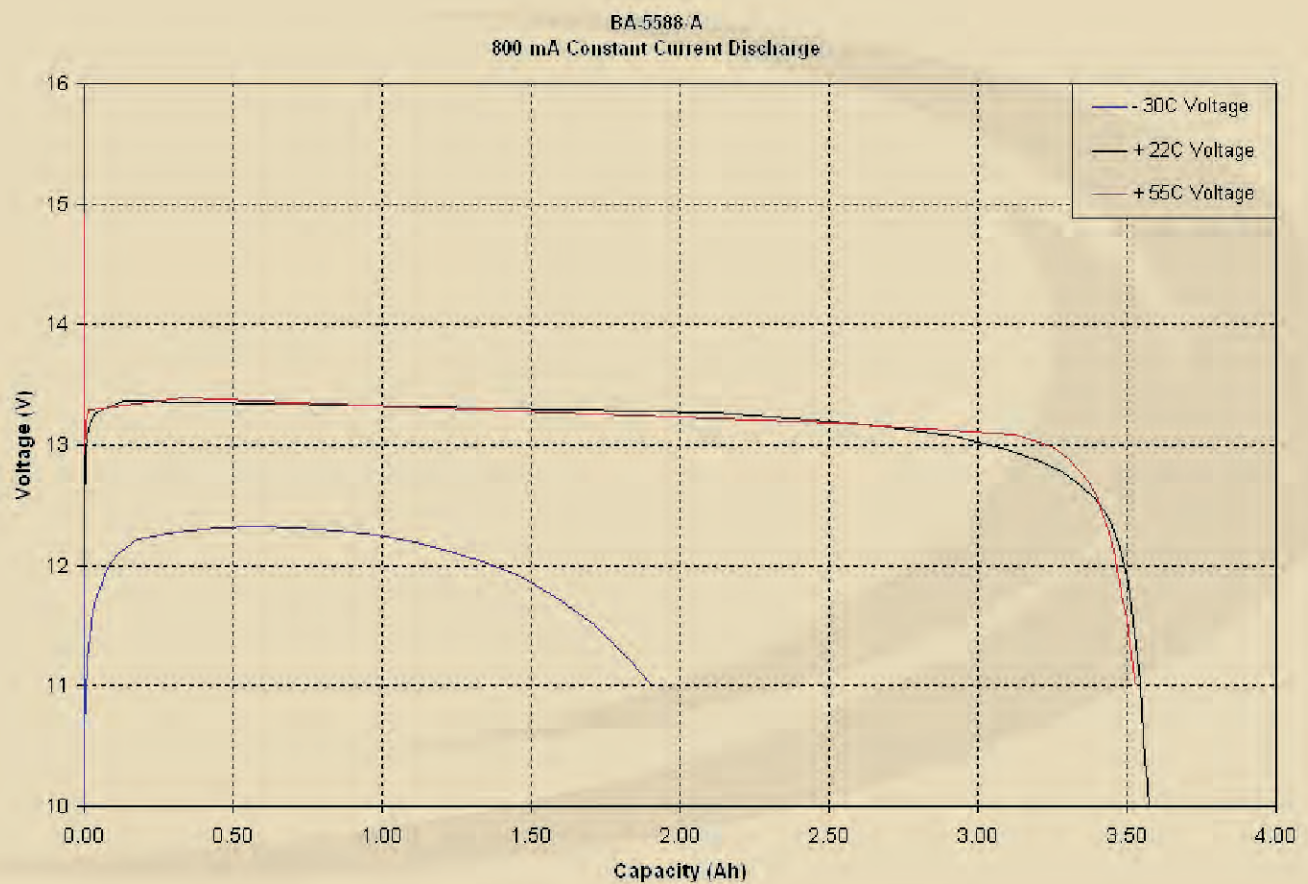


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BA-5588/A

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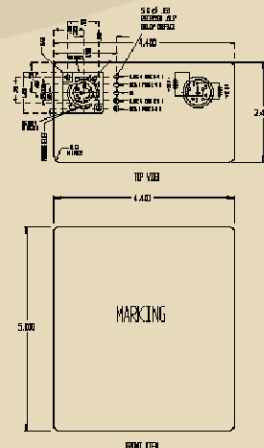
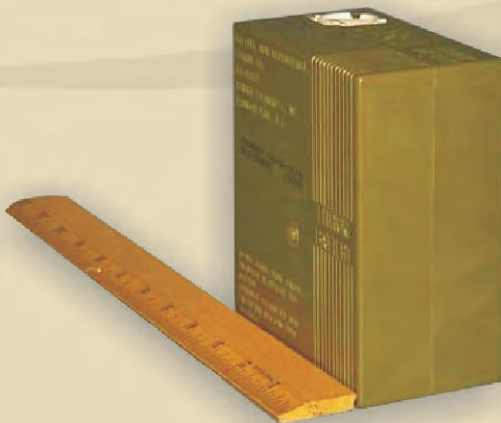
RDECOM

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US ARMY - RDECOM

BA-5590/A

TECHNICAL SPECIFICATIONS:

Description	Non-Rechargeable, Lithium sulfur Dioxide
National Stock Number	6135-01-088-2707
Applications	Tacfire (Digital Message Device) AN/PSG-2 & Meteorological equip.
Replacement/Compatibility	BB-2557/U
Nominal Dimensions	Width: 1.44 in (36.58 mm) Length: 4.18 in (106.17 mm) Height: 3.94 in (100.08 mm)
Nominal Weight	0.9 lbs (408.6 g)
Maximum Voltage	15.0 V, 30.0 V
Nominal Voltage	13.4 V, 27.0V
Nominal Capacity	5.0 Ah @ 15 V, 2.5 Ah @ 30.0 V
Cut off Voltage	10.0 V, 20.0 V
Operating Temperature Range	-30°C to +55°C (-22°F to +131°F)
Storage Temperature Range	-30°C to +55°C (-22°F to +131°F)
Case Material & Color	Modified ABS plastic, Dark green with white/black printing
Connector	Floating type Per U.S. Army Dwg. # SC-C179495



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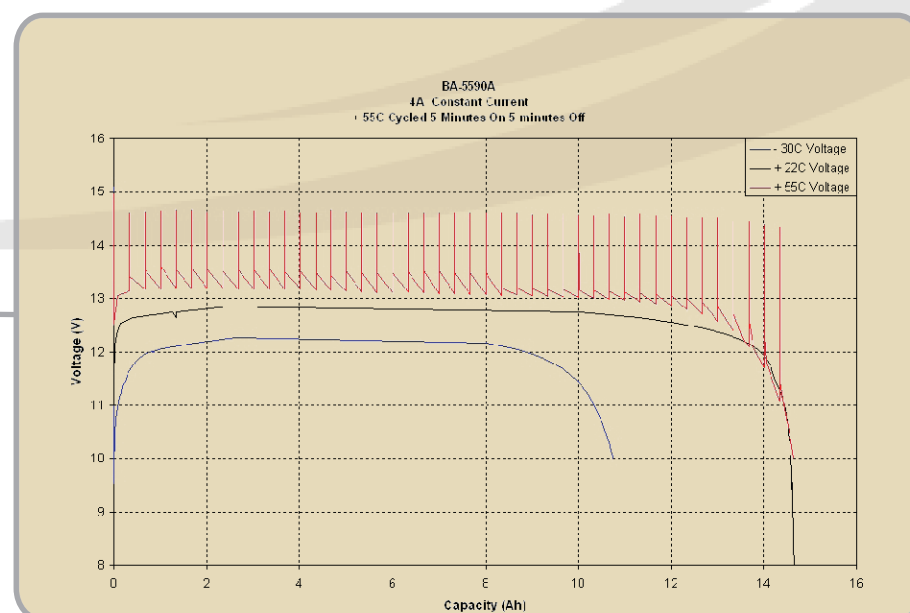
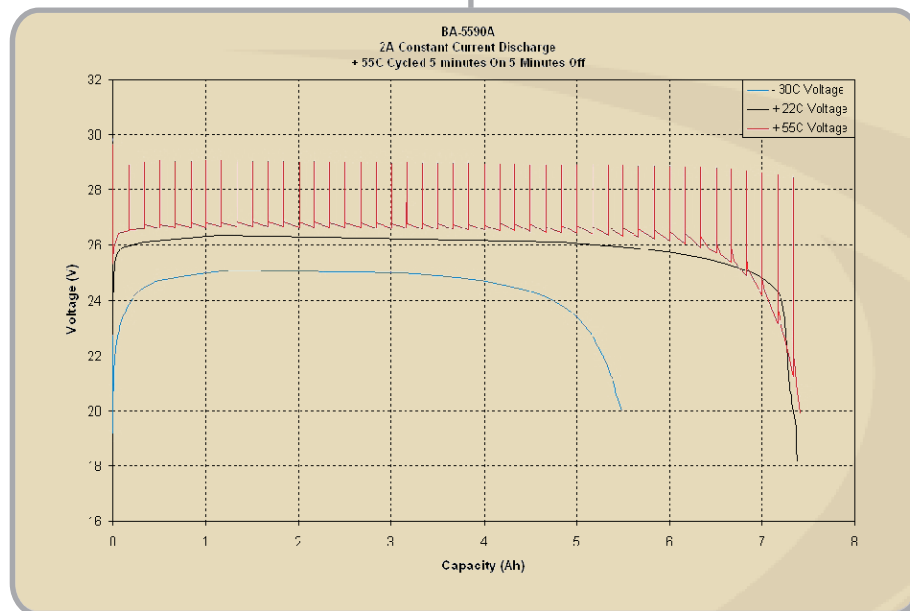


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BA-5590/A

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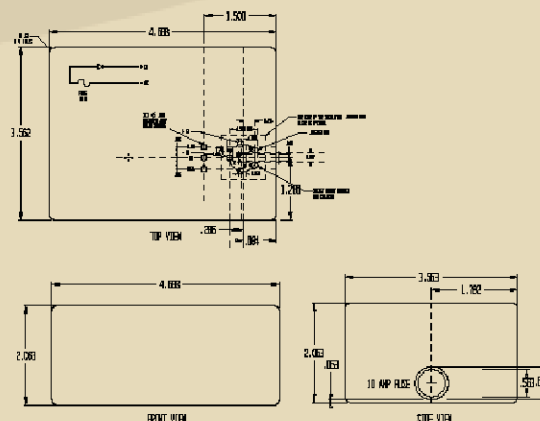
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BA-5598A/U

TECHNICAL SPECIFICATIONS:

Description	Non-Rechargeable, Lithium Sulfur Dioxide
National Stock Number	6135-01-447-5081
Applications	AN/PRC-77
Replacement/Compatibility	BA-4386/U
Nominal Dimensions	Height: 2.06 in (52.32 mm) Width: 3.56 in (90.42 mm) Depth: 4.69 in (119.1mm)
Nominal Weight	1.45 lbs (699.2 g)
Maximum Voltage	15 V
Nominal Voltage	13.0 V
Nominal Capacity	8 Ah
Cut off Voltage	10.0 V
Operating Temperature Range	-30°C to +55°C (-22°F to +131°F)
Storage Temperature Range	-30°C to +55°C (-22°F to +131°F)
Case Material & Color	Modified ABS plastic, Olive green with White/Black printing
Connector	Five Hole Socket
Disposal	Complete Discharge and dispose, Non-Hazardous



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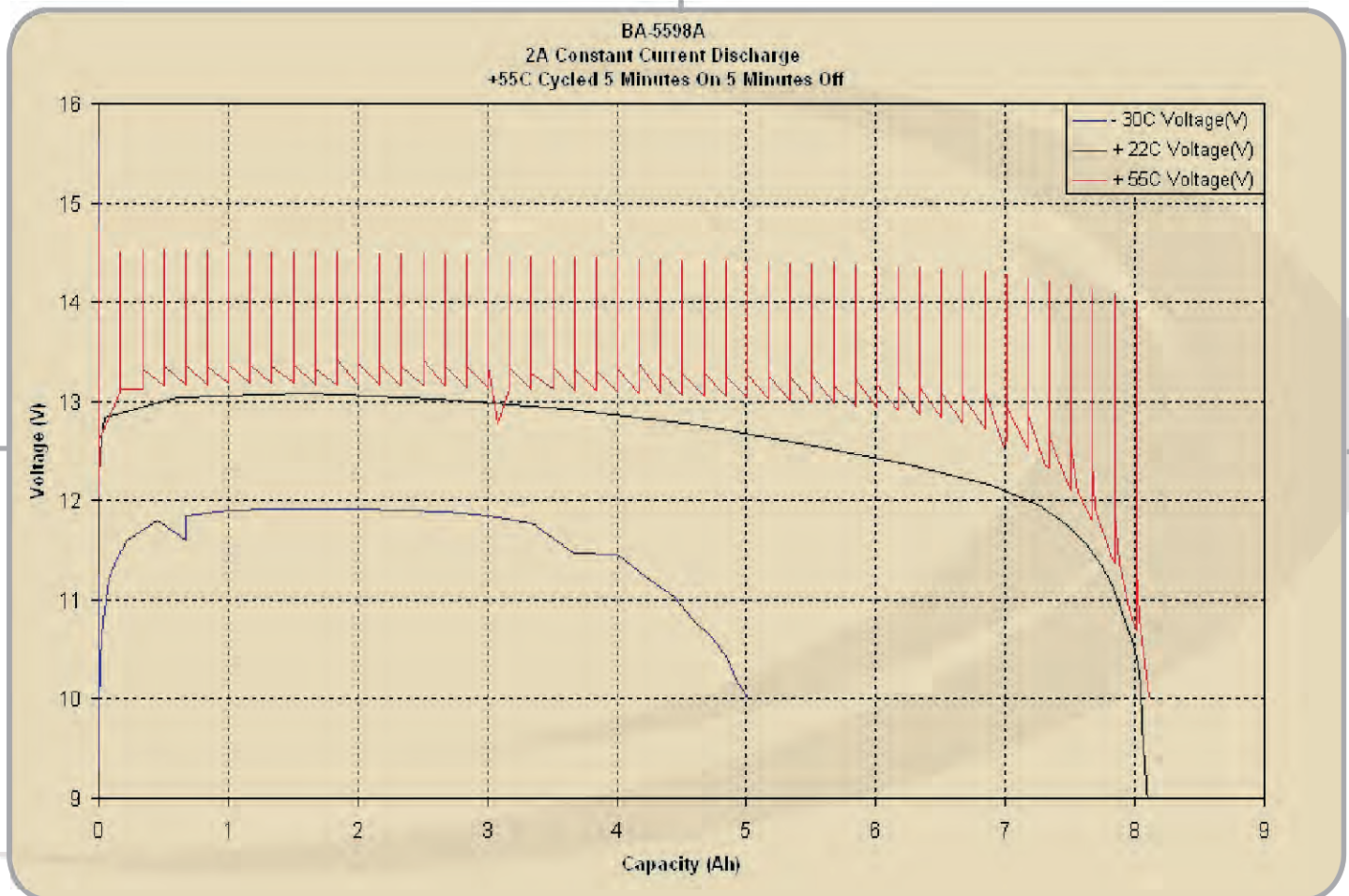


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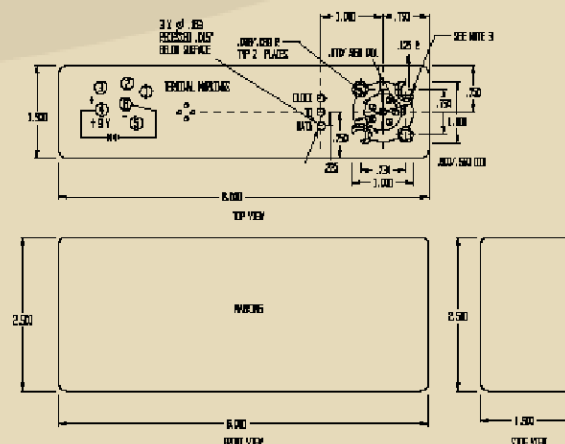
RDECOM

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US ARMY - RDECOM

BA-5599A/U

TECHNICAL SPECIFICATIONS:

Description	Non-Rechargeable, Lithium Sulfur Dioxide
National Stock Number	6135-01-447-4001
Applications	AN/PAS-7A
Nominal Dimensions	Height: 2.50 in (52.32 mm) Width: 6.00 in (90.42 mm) Depth: 1.50 in (119.1mm)
Nominal Weight	1.00 lbs (454 g)
Maximum Voltage	9.0 V
Nominal Voltage	7.2 V
Nominal Capacity	7.6 Ah
Cut off Voltage	6.0 V
Operating Temperature Range	-30°C to +55°C (-22°F to +131°F)
Storage Temperature Range	-30°C to +55°C (-22°F to +131°F)
Case Material & Color	Modified ABS plastic, Olive green with White/Black printing
Connector	Floating Type Per U.S. Army DWG# SC-C-179495
Disposal	Complete Discharge and dispose, Non-Hazardous



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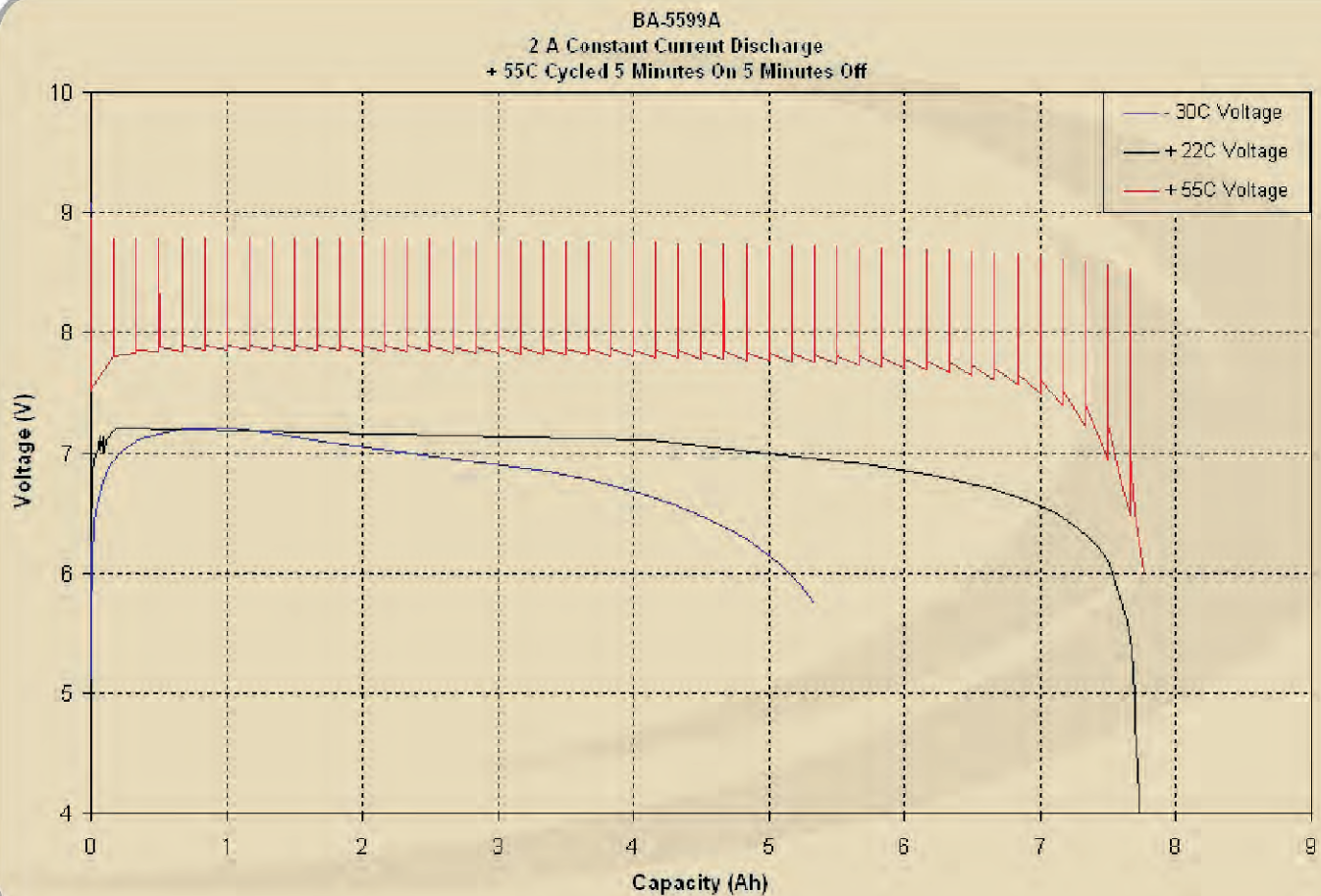


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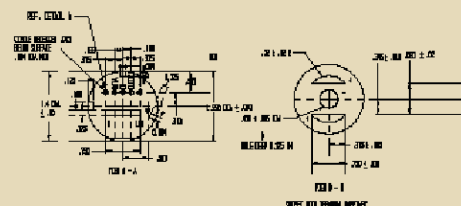
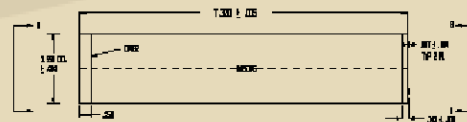
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BA-5600A/U

TECHNICAL SPECIFICATIONS:

Description	Non-Rechargeable, Lithium Sulfur Dioxide
National Stock Number	6135-01-441-0402
Applications	AN/PSC-2 (Digital Communications Terminal)
Replacement/Compatibility	BA-5360/U & BB-2600A/U
Nominal Dimensions	Diameter: 1.55 in (39.37 mm) Height: 7.32 in (185.93 mm)
Nominal Weight	0.7 lbs (317.8 g)
Maximum Voltage	9.0 V
Nominal Voltage	7.4 V
Nominal Capacity	7.8 Ah
Cut off Voltage	6.0 V
Operating Temperature Range	-30°C to +55°C (-22°F to +131°F)
Storage Temperature Range	-30°C to +55°C (-22°F to +131°F)
Case Material & Color	Modified ABS plastic, Olive green with White/Black printing
Connector	Nickel contacts
Disposal	Complete Discharge and Dispose, Non-Hazardous



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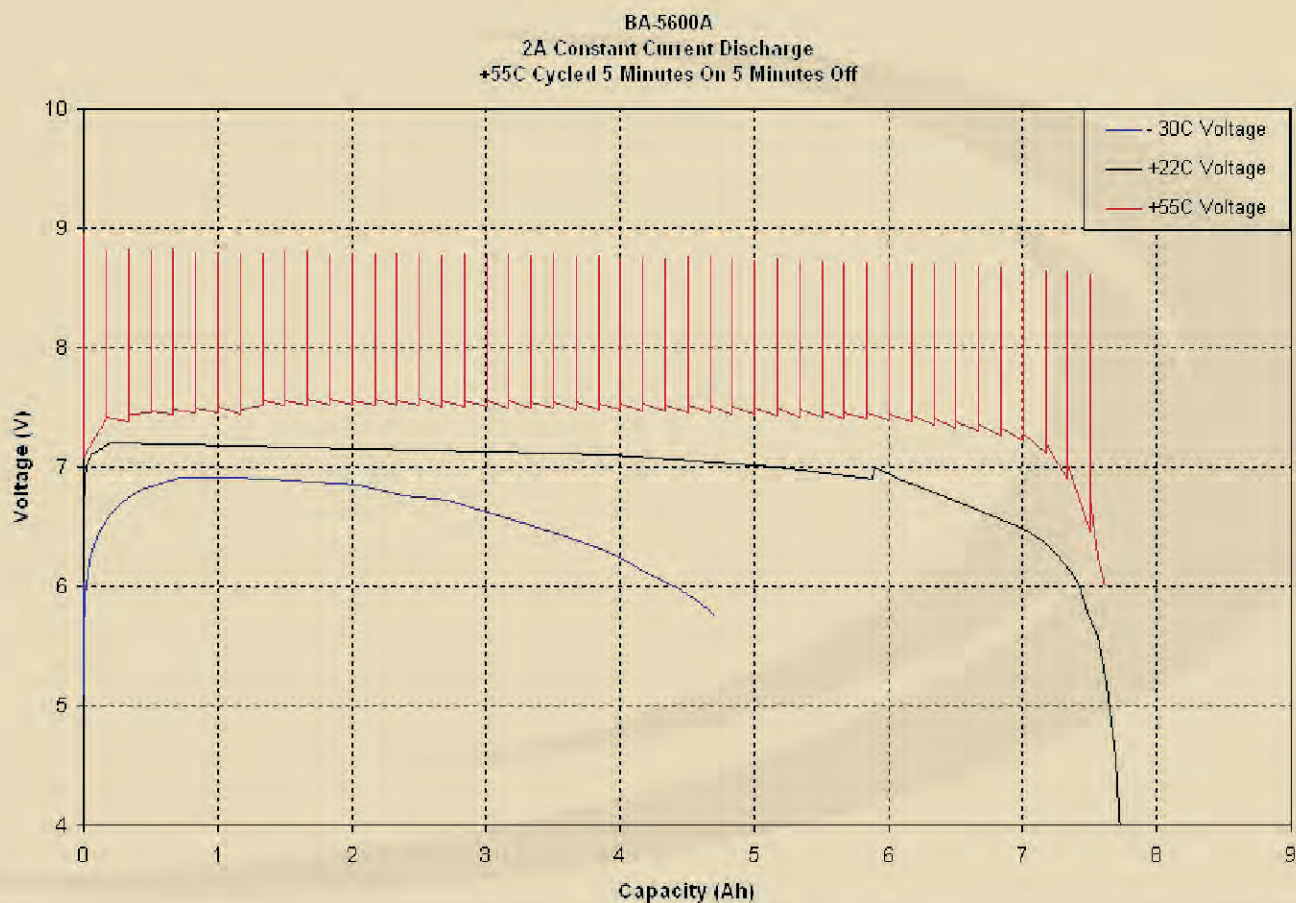


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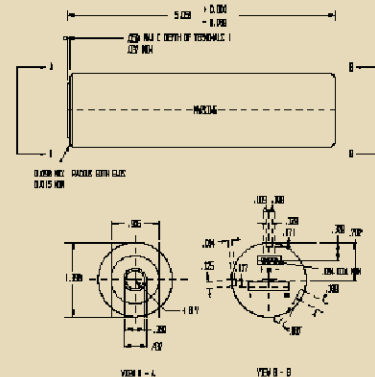
RDECOM

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US ARMY - RDECOM

BA-5800A/U

TECHNICAL SPECIFICATIONS:

Description	Non-Rechargeable, Lithium Sulfur Dioxide
National Stock Number	6135-01-440-7774
Applications	AN/PSN-10, CP-1995, CAM & other Global Positioning Systems
Replacement/Compatibility	BA-5380/U & BB-2800/U
Nominal Dimensions	Diameter: 1.40 in (35.56 mm) Height: 5.06 in (128.52 mm)
Nominal Weight	0.45 lbs (204.3 g)
Maximum Voltage	6.4 V
Nominal Voltage	5.0 V
Nominal Capacity	7.4 Ah
Cut off Voltage	4.0 V
Operating Temperature Range	-30°C to +55°C (-22°F to +131°F)
Storage Temperature Range	-30°C to +55°C (-22°F to +131°F)
Case Material & Color	Modified ABS plastic, Dark green with White/Black printing
Connector	Nickel contacts
Disposal	Complete discharge and dispose, Non-Hazardous



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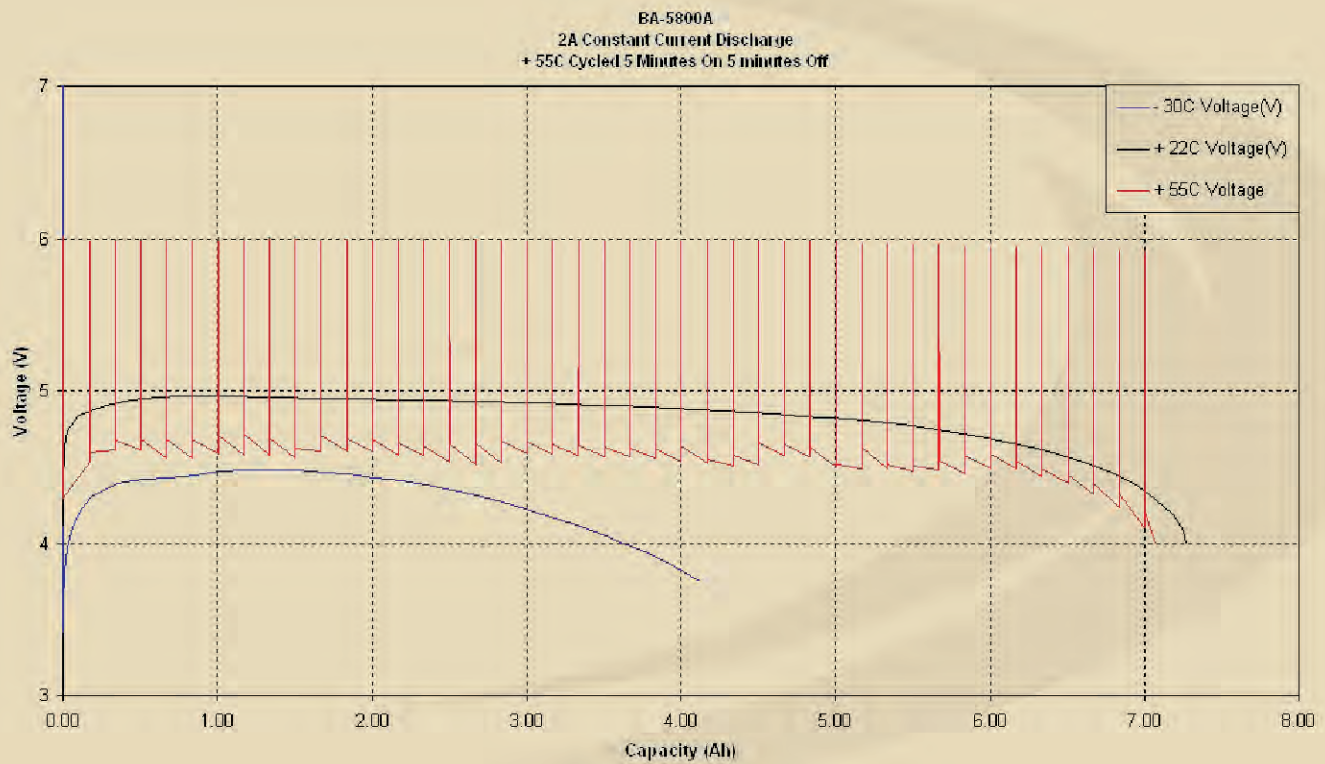


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BA-5800A/U

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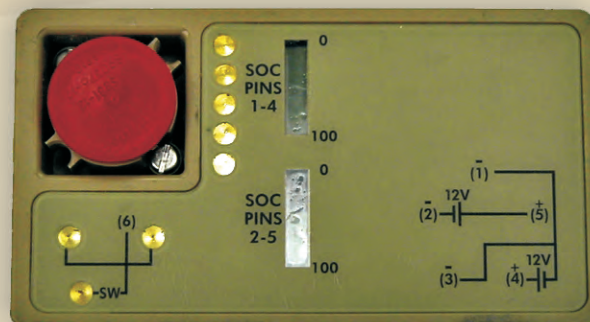
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BB-2590/U

TECHNICAL SPECIFICATIONS:

Description	Rechargeable, Lithium Ion Battery with "State of Charge Display", SMBUS Capabilities
National Stock Number	6140-01-490-4316
Applications	SINGARS & ATCS (AN/PRC-104, 119) FALCON (AN/PRC-138 117) KY-57, MXF430 (V), AN/PSC-5, M22.
Replacement/Compatibility	BB-390A/U, BB-390B/U, BA-5390/U& BA-5590/U.
Nominal Dimensions	Length: 4.40 in (111.76mm) Width: 2.45 in (62.23 mm) Height: 5.00 in (127.00 mm)
Nominal Weight	3.20 lbs (1.4 kg)
Maximum Voltage	33.0 V, Two (2) 16.5 V Section
Nominal Voltage	28.8 V, Two (2) 14.4 V Section
Nominal Capacity	6.2 Ah @ 28.8 V — 12.4 Ah @ 14.4 V
Cut off Voltage	20.0 V or 10.0 V
Operating Temperature Range	-20°C to +55°C (-4°F to +131°F)
Storage Temperature Range	-20°C to +55°C (-4°F to +131°F)
Case Material & Color	Modified ABS plastic, Sand Color with Yellow printing.
Connector	Floating Type Per U.S. Army DWG# SC-C-179495
Recommended Chargers	PP-8498/U (SPC), PP-8481B/U (COTM)
Alternate Charge	Charge each section independently at constant voltage of 16.5V 3 A (max) for 5 hrs
Disposal	Environmentally Safe - Contains Zero (0)% Mercury or Cadmium. Check with local regulations for proper disposal.



For more information please contact:
E-mail: armypower@conus.army.mil
Website: <http://www.cerdec.army.mil/c2d/armypower>



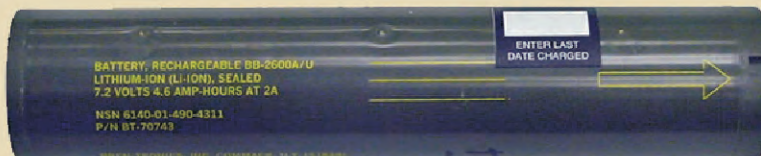
RDECOM

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BB-2600A/U

TECHNICAL SPECIFICATIONS:

Description	Rechargeable, Lithium Ion, (Carbon/Lithiated Metal Oxide) Battery with "State of Charge Display"
National Stock Number	6140-01-490-4311
Applications	AN/PSC-2 (Digital Communications Terminal)
Replacement/Compatibility for	BA-5600/U
Nominal Dimensions	Diameter: 1.550 in (39.37 mm) Length: 7.320 in (185.930 mm)
Nominal Weight	11.04 oz (314 g)
Maximum Voltage	8.3 V
Nominal Voltage	7.2 V
Operating Temperature Range	-20°C to +60°C (-4°F to +140°F)
Storage Temperature Range	-20°C to +45°C (-4°F to +104°F)
Case Material & Color	ABS plastic, Olive Drab #34088 with Yellow printing.
Discharge Terminals	Nickel Contacts.
Charge Contacts	5 ea. Gold Plated Contacts.
Recommended Chargers	PP-8498/U (SPC), PP-8481B/U (COTM).
Alternate Charge	Charge at constant voltage of 8.20 V with 2.7 A current for 4 Hrs.
Disposal	Environmentally Safe - Contains Zero (0)% Mercury or Cadmium. Check with local regulations for proper disposal.
Cut off Voltage	6.0 V
Nominal Capacity	4.6 Ah



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BB-2800A/U

TECHNICAL SPECIFICATIONS:

Description

Rechargeable, Lithium Ion, (Carbon/Lithiated Metal Oxide) Battery with "State of Charge Display"

National Stock Number

6140-01-490-5372

Applications

AN/PSN-10, CP-1995, CAM & other Global Positioning Systems.

Replacement/Compatibility for Nominal Dimensions

BA-5800/U Non-Rechargeable Battery (Li SO₂)

Diameter: 1.398 in (35.51 mm)

Length: 5.059 in (128.50 mm)

Nominal Weight

9.0 oz (255 g)

Maximum Voltage

8.3 V

Nominal Voltage

7.2 V

Cut off Voltage

5.5 V

Nominal Capacity

3.7 Ah

Operating Temperature Range

-20°C to +60°C (-4°F to +140°F)

Storage Temperature Range

-20°C to +45°C (-4°F to +104°F)

Case Material & Color

ABS plastic, Olive Drab #34088 with Yellow printing.

Discharge Terminals

Nickel Contacts.

Charge Contacts

3 ea. Gold Plated Contacts.

Recommended Chargers

PP-8498/U (SPC), PP-8481B/U (COTM).

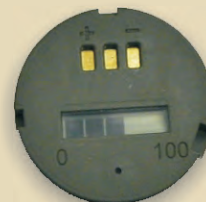
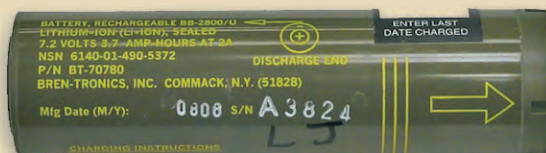
Alternate Charge

Charge at constant voltage of 8.20 V with 2.5 A current for 4 Hrs.

Disposal

Environmentally Safe - Contains Zero (0)% Mercury or Cadmium.

Check with local regulations for proper disposal.



For more information please contact:

E-mail: armypower@conus.army.mil

Website: <http://www.cerdec.army.mil/c2d/armypower>



RDECOM

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BB-2847A/U

TECHNICAL SPECIFICATIONS:

Description

Rechargeable, Lithium Ion, (Carbon/Lithiated Metal Oxide) Battery with "State of Charge Display"

National Stock Number

6140-01-493-8092

Applications

TWS, AN/PRM-34 Radio Set, AN/PRS-7 Mine Detector.

Replacement/Compatibility

BA-5847/U, BA-5347

Nominal Dimensions

Length: 2.55 in (65 mm)

Width: 1.500 in (38 mm)

Height: 3.750 in (95 mm)

Nominal Weight

17.0 oz (482 g)

Maximum Voltage

8.3 V

Nominal Voltage

7.2 V

Cut off Voltage

4.0 V

Nominal Capacity

6.2 Ah @ 2.0 A

Operating Temperature Range

-20°C to +55°C (-4°F to +131°F)

Storage Temperature Range

-20°C to +55°C (-4°F to +131°F)

Case Material & Color

Modified ABS plastic, Olive Drab #34088 with Yellow printing.

Connector

Flat Contacts and female socket per MIL-B-18E.

Recommended Chargers

PP-8498/U (SPC), PP-8481B/U (COTM).

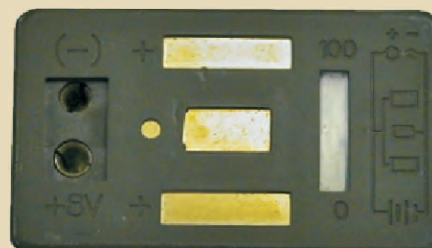
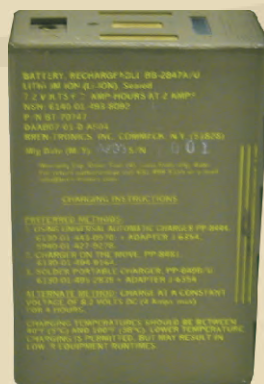
Alternate Charge

Charge at constant voltage of 8.20 V, 4 A max, for 4 Hrs.

Disposal

Environmentally Safe - Contains Zero (0)% Mercury or Cadmium.

Check with local regulations for proper disposal.



For more information please contact:

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Website: <http://www.cerdec.army.mil/c2d/armypower>